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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: DECODING AND RECONSTRUCTION OF DATA

Step 1:   0;

Step 2:   0+1, 1;

Step 3:   0+1+2, 1+2, 0+2, 2;

Step 4:   0+1+2+3, 1+2+3, 0+2+3, 2+3, 0+1+3, 1+3, 0+3, 3;

Step 5:   0+1+2+3+4, 1+2+3+4, 0+2+3+4, 2+3+4, 0+1+3+4,
1+3+4, 0+3+4, 3+4, 0+1+2+4, 1+2+4, 0+2+4, 2+4,
0+1+4, 1+4, 0+4, 4;

(57) Abstract: When applying chase combining in the retransmission protocol of a telecommunication system or other schemes of retransmission protocols which use selfdecodable incremental redundancy, it may not in all cases be the best solution to combine the initial transmission of data up to the latest received. retransmission of the data and then to perform an error determination of the combined decoding result. Advantageously, according to an exemplary embodiment of the present invention, a combination of selected ones of the initial transmission and the following received retransmissions is performed, resulting in a combined decoding result of the data, which may then be checked for errors.